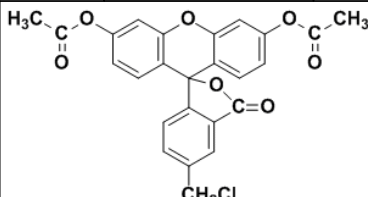


Certificate of Analysis

(C of A)

Name:		Cellhunt Green CMFDA 5-Chloromethylfluorescein Diacetate						
Catalog Number:		7137	Lot:		50264			
CAS Number:		136832-63-8	Formula:		C ₂₅ H ₁₇ ClO ₇			
Molecular Weight:		464.85 (g/mol)						
		Observed		Standard				
HPLC Purity:		98% at 254 nm		≥ 90% at 254 nm				
Absorption (Acetonitrile)								
Wavelength (λ _{max}):		290 nm		289 ± 3 nm				
Extinction:		6,000 cm ⁻¹ M ⁻¹		6,000 ± 500 cm ⁻¹ M ⁻¹				
TLC Purity:		> 99%		≥ 90%				
TLC System:		2:1 Hexane / Ethyl acetate						
Storage:		Freeze: Store at -5 to -30°C (F), Protect from moisture (D), Protect from light (L)						
Production Lot:		14694	Release:		31-Dec-2014	Expiration:		31-Dec-2024
Structure:								

This data reflects the accuracy of the analysis of the subject lot
 For research use only. Not for human use. No animal source.
 This material is chemically synthesized and manufactured in the USA

Approved by: Dianna M Wineinger
 Analytical Services Manager

Date: 31-Dec-2014

Signature: 